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(71)Applicant : **F HOFFMANN LA ROCHE AG**

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(72)Inventor : **VAN LOON ADOLPHUS
MITCHELL DAVID**

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(54) METHOD FOR OBTAINING DNA CAPABLE OF ENCODING THERMOSTABLE PHYTASE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a new phytase having improved properties, more generally speaking a large amount of a polypeptide having the phytase activity for inositol phosphate including the phytase (the phytase activity).

SOLUTION: This method for obtaining a DNA encoding a thermostable polypeptide having the phytase activity or a DNA capable of encoding a fragment of the polypeptide still having the phytase activity from 12 specific species of thermostable fungi by hybridization using a specific probe derived from a DNA from Myceliophthora thermophila, Aspergillus nidulans, Aspergillus fumigatus, Aspergillus terreus 9A1 or Talaromyces thermophilus.